

Modulating Reset Temperature Controller

T475 Outdoor Reset Controller



Operating controller for a hot water or warm air heating system.

- Used for line voltage, low voltage or millivolt (Powerpile) switching.
- Maintains proper balance between heating medium temperature and outdoor temperature.
- Raises heating medium control point automatically as outdoor temperature falls.
- Does not replace safety high limit control and is not for use in system requiring resetting above 71 F (21 C) outdoor temperature.

Application: Automatically raises heating control setpoint as outdoor temperature falls

Type: Remote bulb

Color: Gray

Number of Sensors: 2

Voltage: 120 Vac

Frequency: 50 Hz, 60 Hz

Sensor Element: Indoor and outdoor copper bulb

Output: 1 SPST

Approvals:

Underwriters Laboratories, Inc: Listed: E4436, vol. 4, Guide XAPX

Contact Ratings:

120 Vac	240 Vac
8.0 AFL, 48.0 ALR	5.1 AFL, 30.6 ALR

Replacement Parts:

See table on page 801

Product Number	Bulb Size		Capillary Length		Differential Temperature		Setpoint Temperature Range		Comments	Includes
	(inch)	(mm)	(ft)	(m)	(F)	(C)	(F)	(C)		
T475A1016	indoor: 3/8 in. diameter, 3 9/16 long; outdoor: 3/8 in. diameter, 2 1/2 in. long	indoor: 9.5 mm diameter, 90 mm long; outdoor: 9.5 mm diameter, 64 mm long	Indoor: 10 ft., Outdoor: 30 ft.	Indoor: 3 m, Outdoor: 9.1 m	6 F to 20 F	3 C to 11 C	70 F to 140 F	21 C to 60 C	1.5:1 reset ratio	34886A Outdoor Bulb Guard
• T475A1032	indoor: 3/8 in. diameter, 3 9/16 long; outdoor: 3/8 in. diameter, 3 9/16 long	indoor: 9.5 mm diameter, 90 mm long; outdoor: 9.5 mm diameter, 90 mm long	Indoor: 10 ft., Outdoor: 30 ft.	Indoor: 3 m, Outdoor: 9.1 m	6 F to 20 F	3 C to 11 C	70 F to 140 F	21 C to 60 C	1:1 reset ratio	34886A Outdoor Bulb Guard, 121371P Immersion Well Assembly
• T475A1057	indoor: 3/8 in. diameter, 3 9/16 long; outdoor: 3/8 in. diameter, 5 5/16 in. long	indoor: 9.5 mm diameter, 90 mm long; outdoor: 9.5 mm diameter, 135 mm long	Indoor: 10 ft., Outdoor: 30 ft.	Indoor: 3 m, Outdoor: 9.1 m	6 F to 20 F	3 C to 11 C	70 F to 140 F	21 C to 60 C	1:1.5 reset ratio	34886A Outdoor Bulb Guard, 121371P Immersion Well Assembly

* TRADELINE models • SUPER TRADELINE models